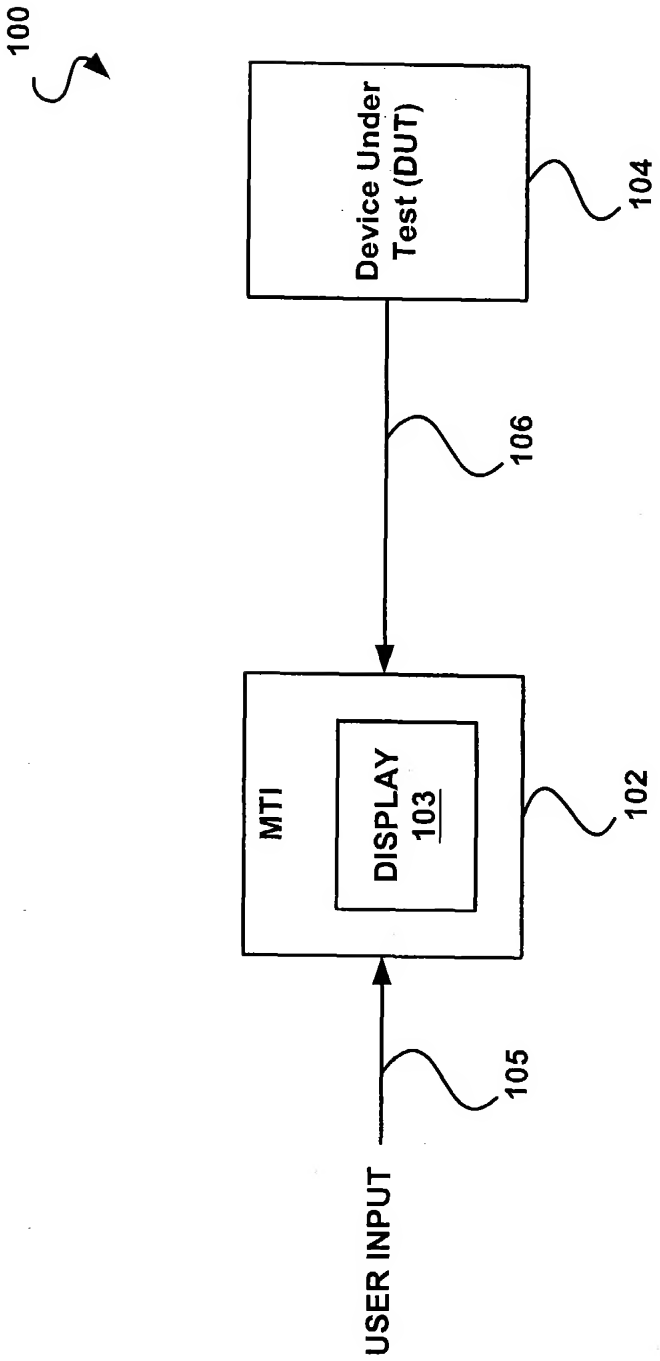

100
Device Under Test (DUT)
104
106
MTI
DISPLAY 103
102
105
USER INPUT

FIG. 1

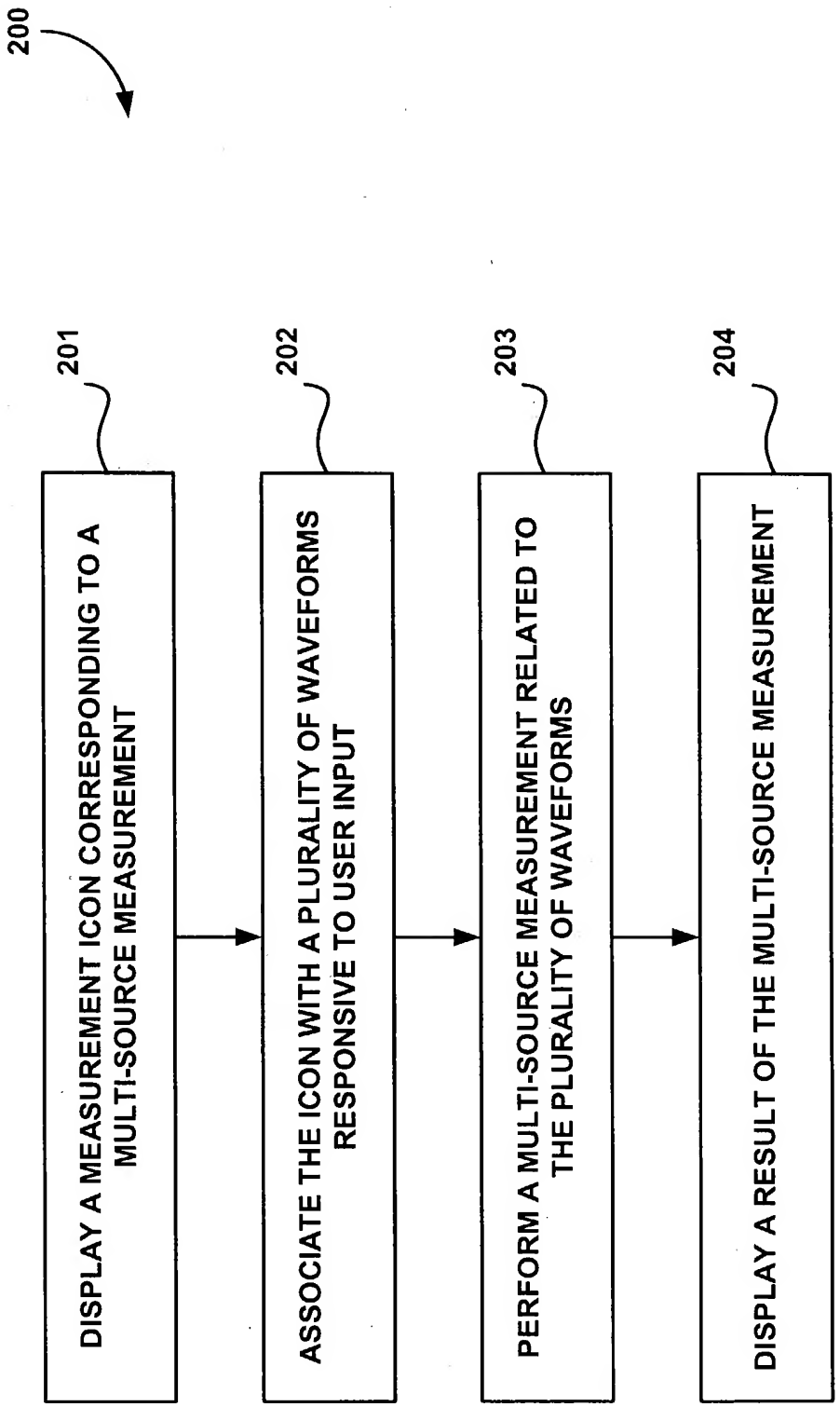

200
201
DISPLAY A MEASUREMENT ICON CORRESPONDING TO A MULTI-SOURCE MEASUREMENT
202
ASSOCIATE THE ICON WITH A PLURALITY OF WAVEFORMS RESPONSIVE TO USER INPUT
203
PERFORM A MULTI-SOURCE MEASUREMENT RELATED TO THE PLURALITY OF WAVEFORMS
204
DISPLAY A RESULT OF THE MULTI-SOURCE MEASUREMENT

FIG. 2

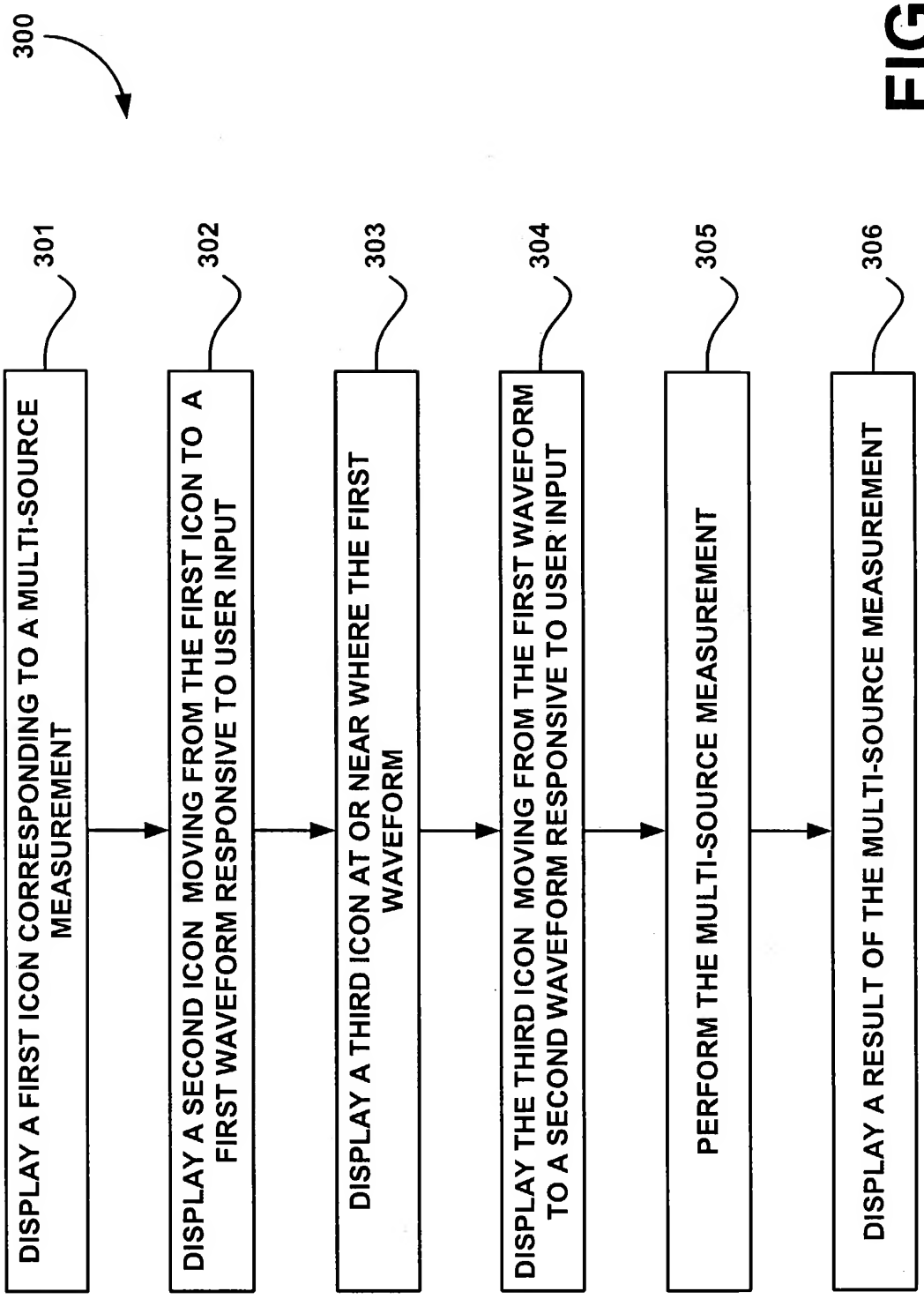

300
301
DISPLAY A FIRST ICON CORRESPONDING TO A MULTI-SOURCE MEASUREMENT
302
DISPLAY A SECOND ICON MOVING FROM THE FIRST ICON TO A FIRST WAVEFORM RESPONSIVE TO USER INPUT
303
DISPLAY A THIRD ICON AT OR NEAR WHERE THE FIRST WAVEFORM
304
DISPLAY THE THIRD ICON MOVING FROM THE FIRST WAVEFORM TO A SECOND WAVEFORM RESPONSIVE TO USER INPUT
305
PERFORM THE MULTI-SOURCE MEASUREMENT
306
DISPLAY A RESULT OF THE MULTI-SOURCE MEASUREMENT

FIG. 3

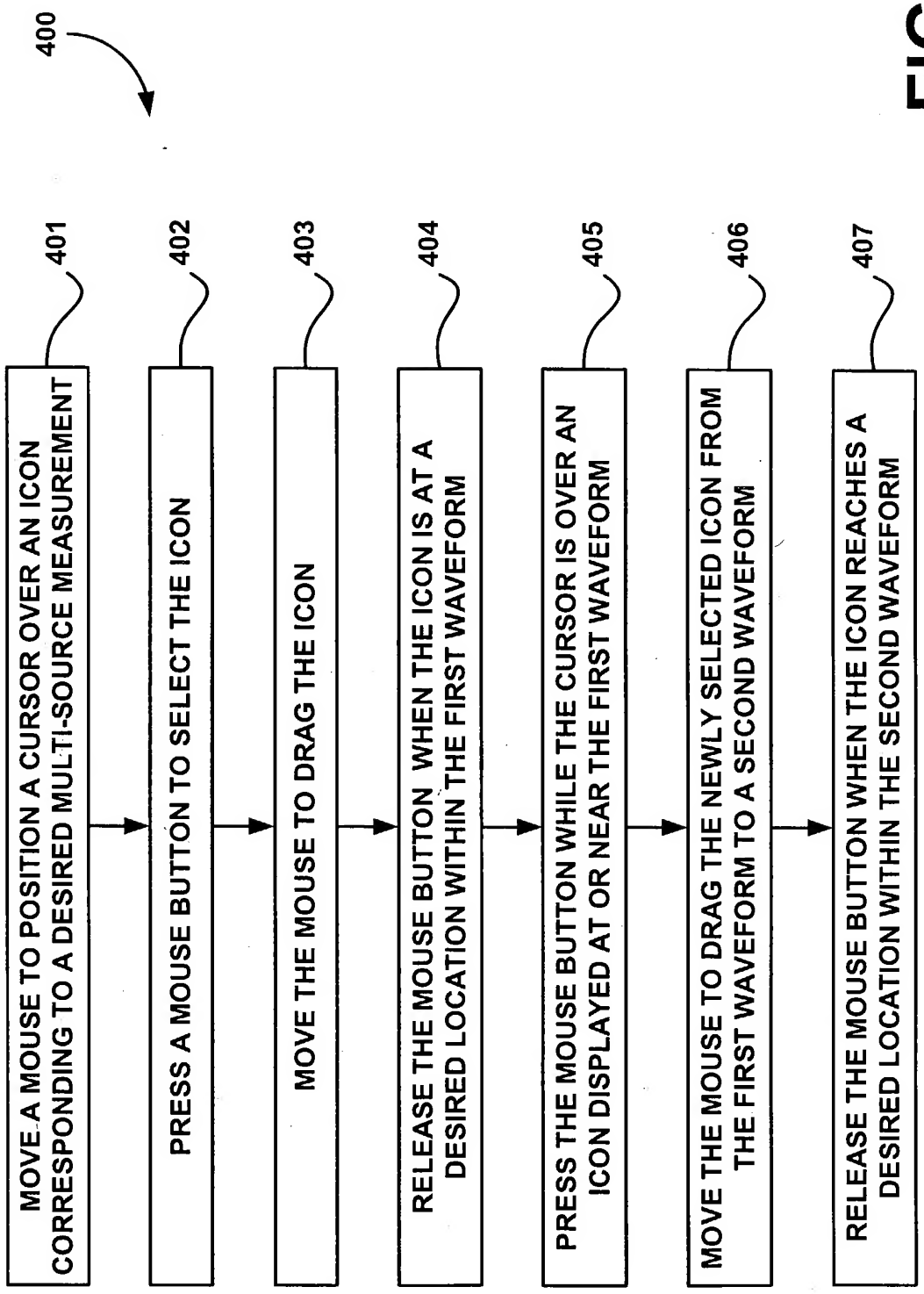

400
401
MOVE A MOUSE TO POSITION A CURSOR OVER AN ICON CORRESPONDING TO A DESIRED MULTI-SOURCE MEASUREMENT
402
PRESS A MOUSE BUTTON TO SELECT THE ICON
403
MOVE THE MOUSE TO DRAG THE ICON
404
RELEASE THE MOUSE BUTTON WHEN THE ICON IS AT A DESIRED LOCATION WITHIN THE FIRST WAVEFORM
405
PRESS THE MOUSE BUTTON WHILE THE CURSOR IS OVER AN ICON DISPLAYED AT OR NEAR THE FIRST WAVEFORM
406
MOVE THE MOUSE TO DRAG THE NEWLY SELECTED ICON FROM THE FIRST WAVEFORM TO A SECOND WAVEFORM
407
RELEASE THE MOUSE BUTTON WHEN THE ICON REACHES A DESIRED LOCATION WITHIN THE SECOND WAVEFORM

FIG. 4

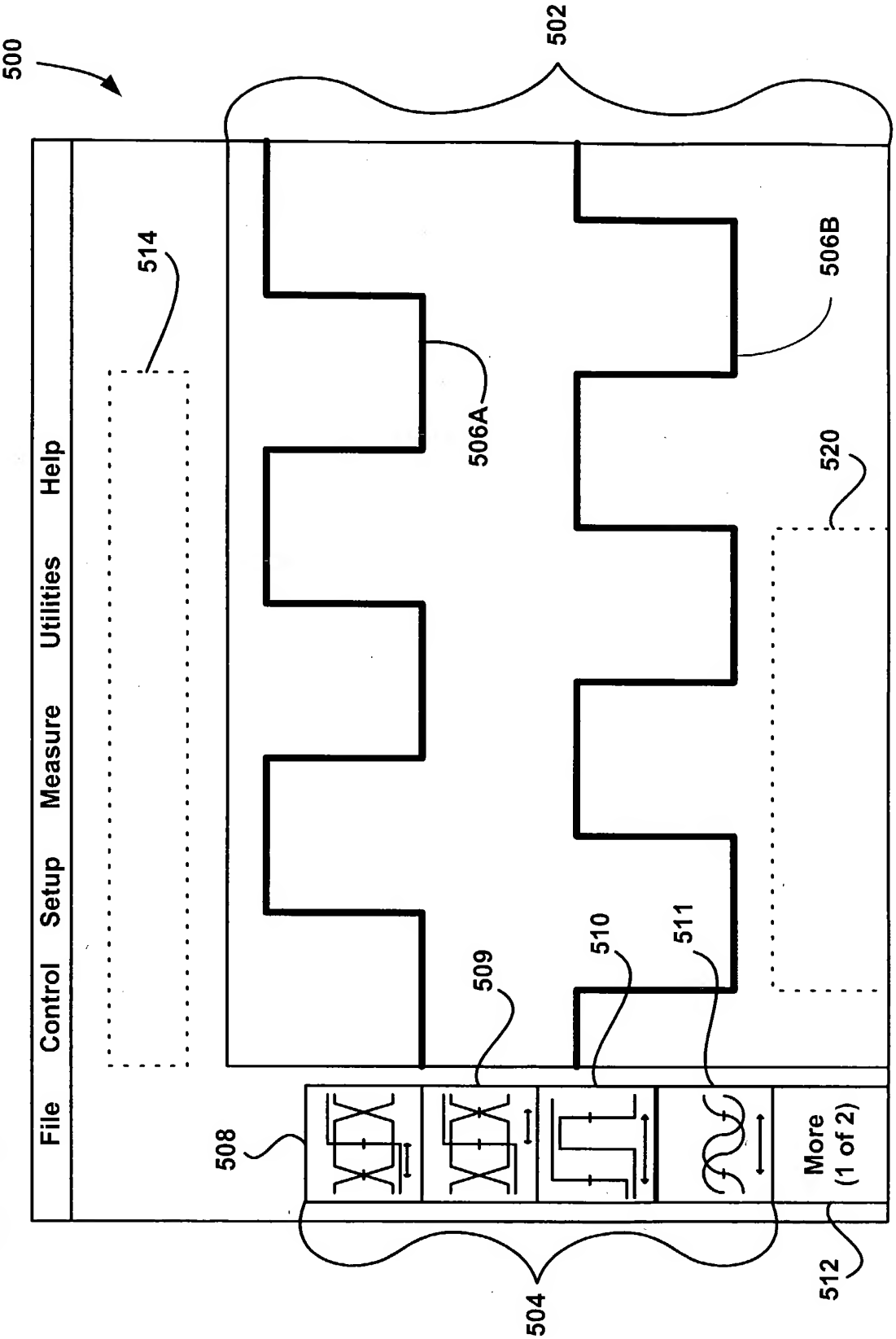

500
502
514
506B
506A
520
File
Control
Setup
Measure
Utilities
Help
509
510
511
508
More
(1 of 2)
504
512

FIG. 5A

FIG. 5B

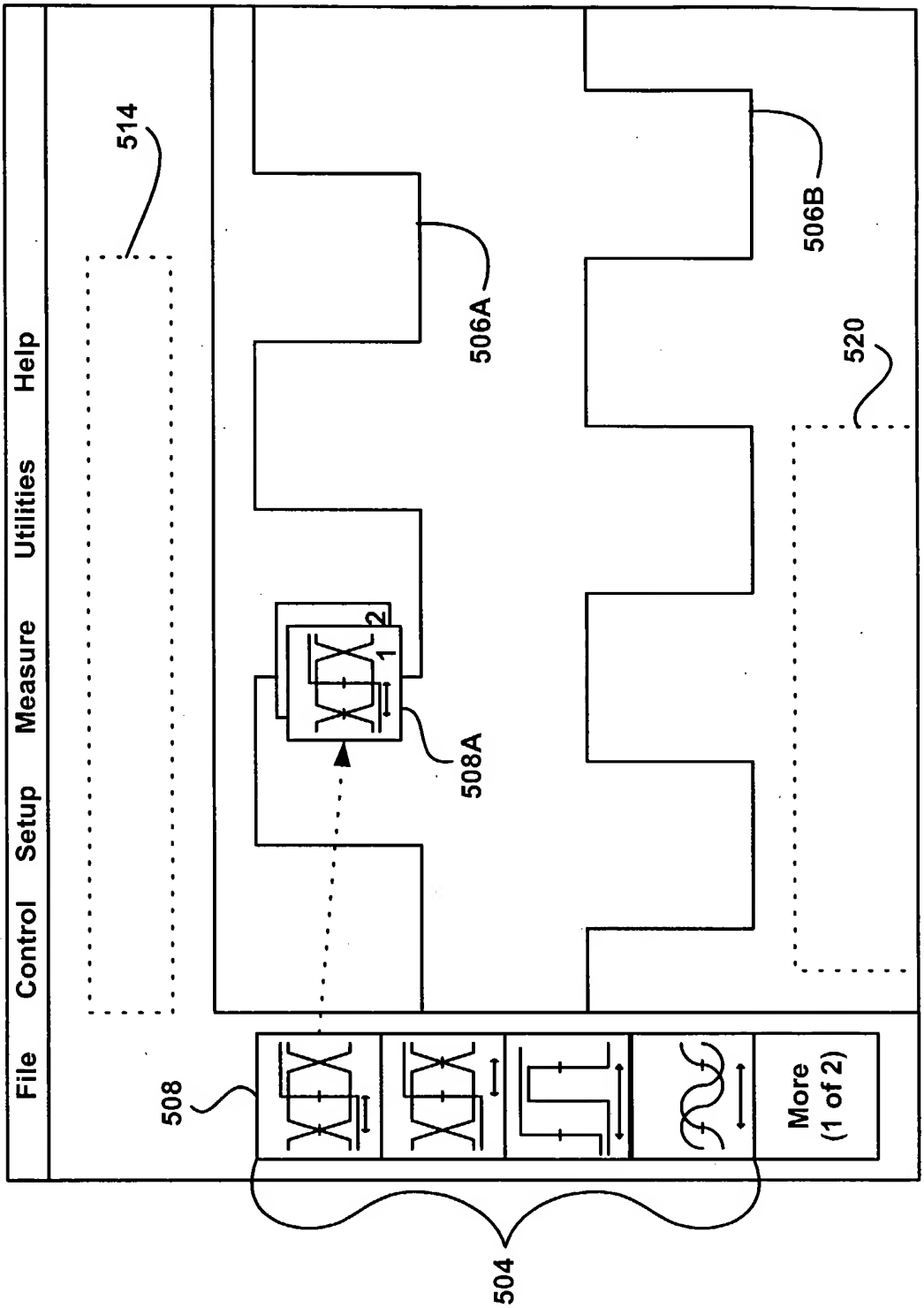

File
Control
Setup
Measure
Utilities
Help
514
506A
506B
520
508A
1
2
508
More
(1 of 2)
504

FIG. 5C

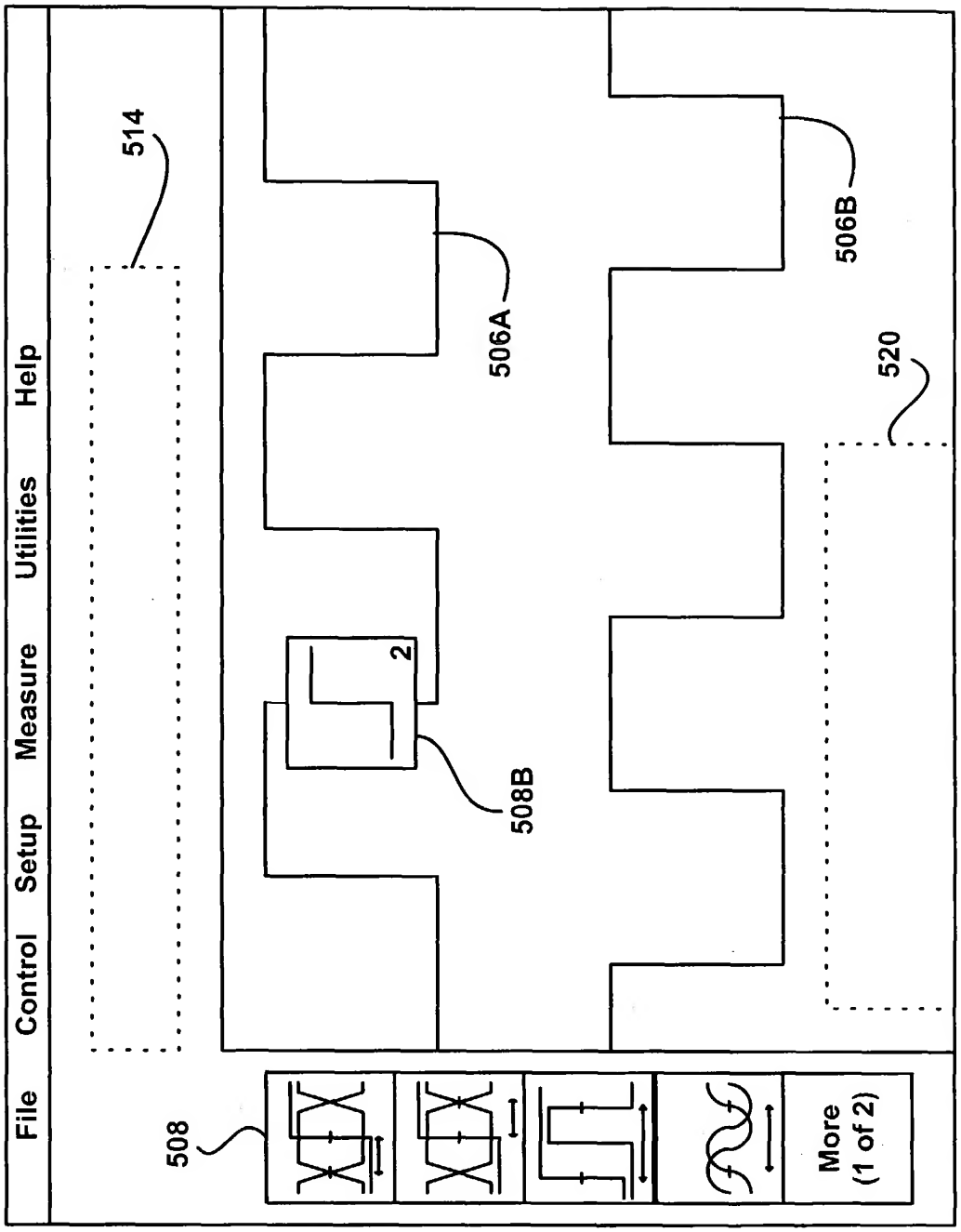

File
Control
Setup
Measure
Utilities
Help
514
506A
506B
520
508B
2
508
More
(1 of 2)

FIG. 5D

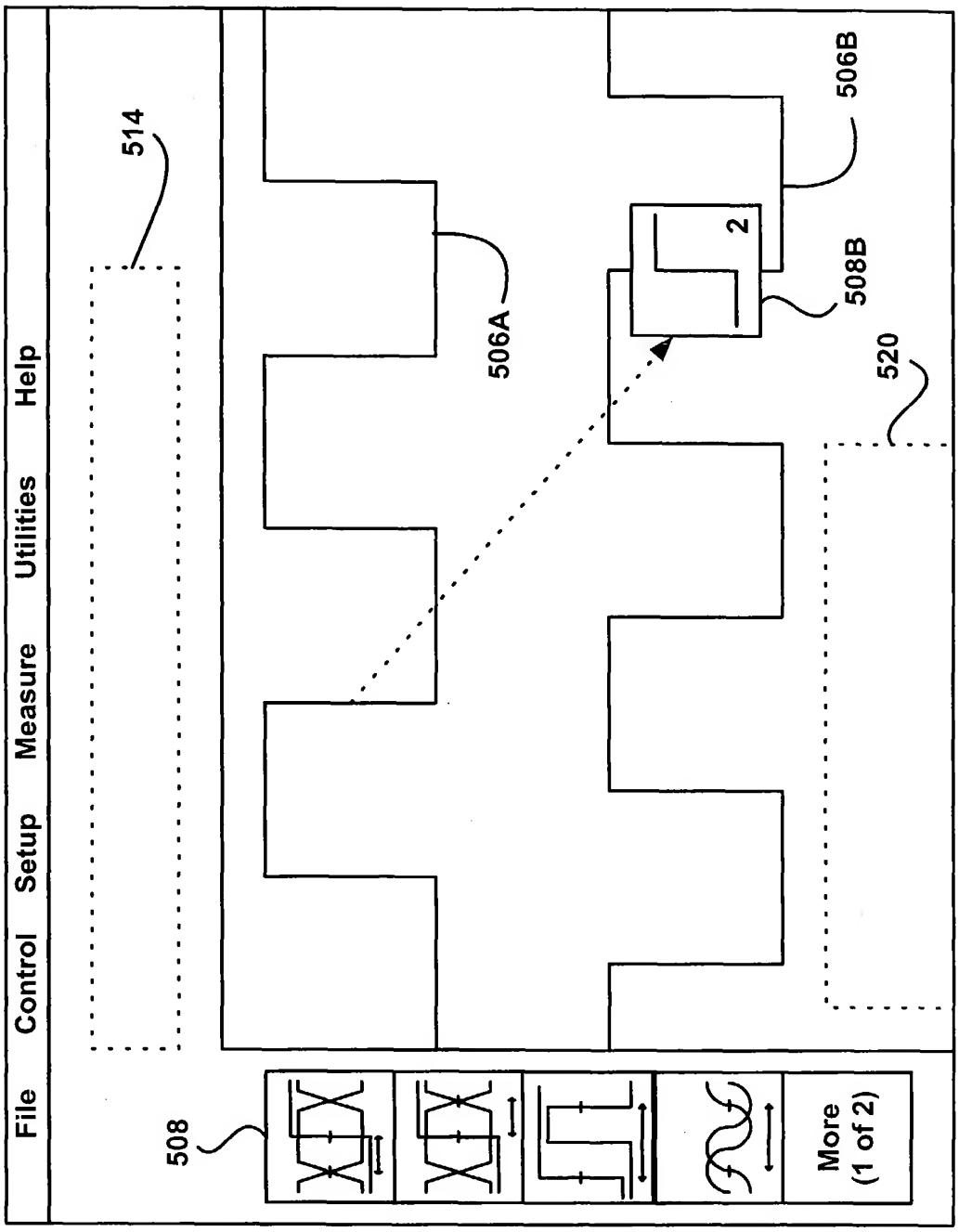

File
Control
Setup
Measure
Utilities
Help
514
506A
506B
508B
2
520
508
More
(1 of 2)

FIG. 6A

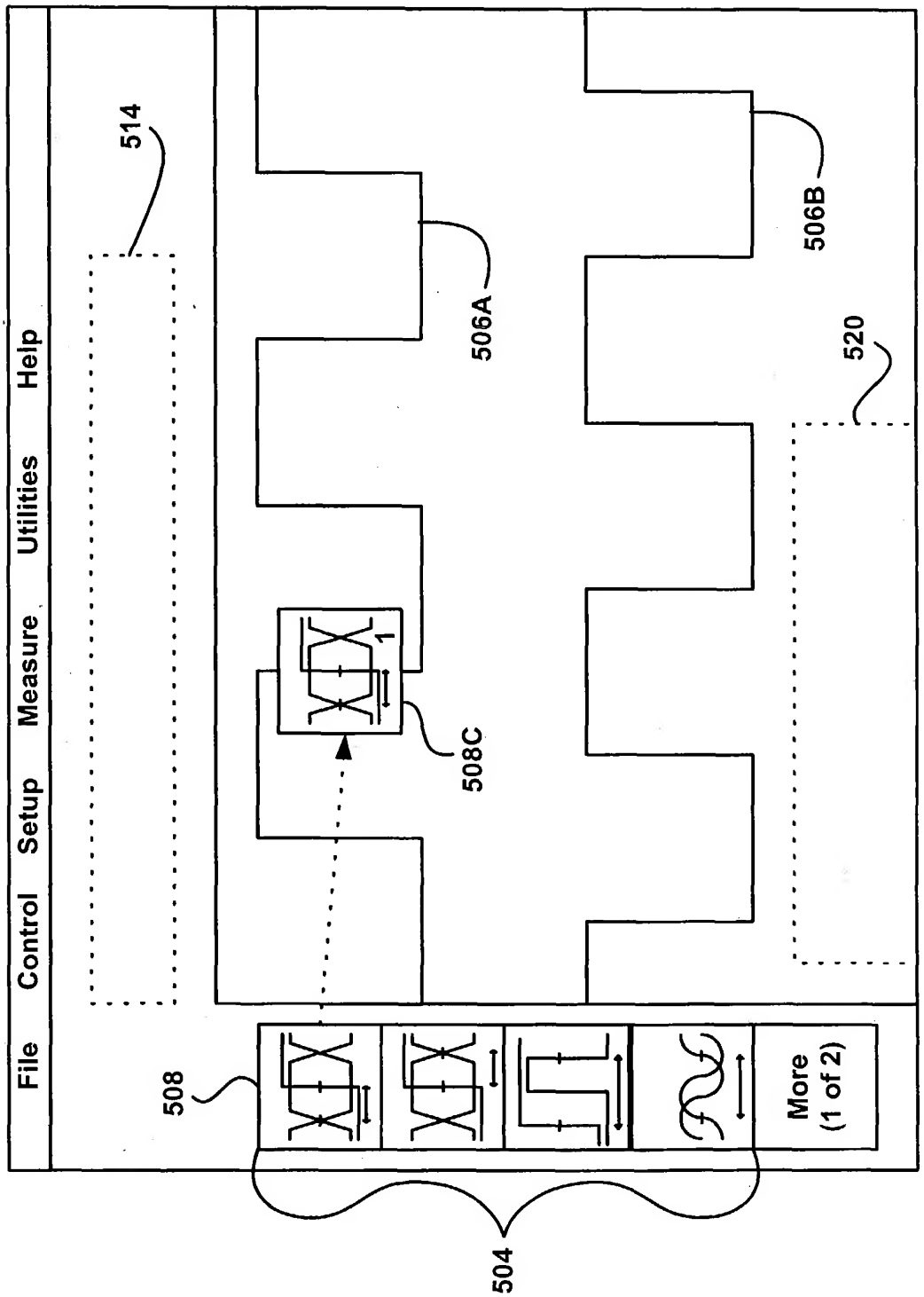
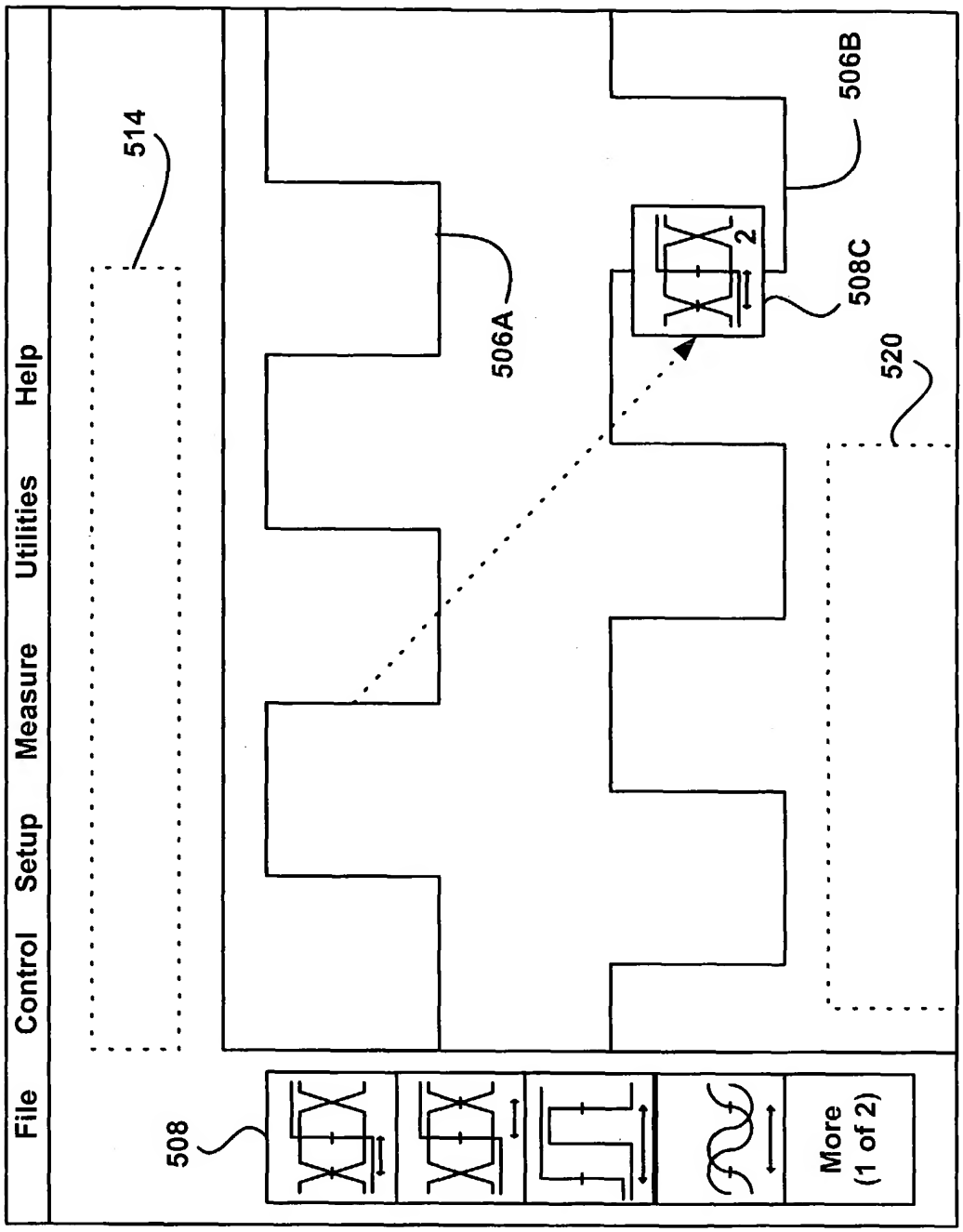

File
Control
Setup
Measure
Utilities
Help
514
506A
506B
520
508C
1
508
More
(1 of 2)
504

FIG. 6B


File
Control
Setup
Measure
Utilities
Help
514
506A
506B
508C
520
508
More
(1 of 2)

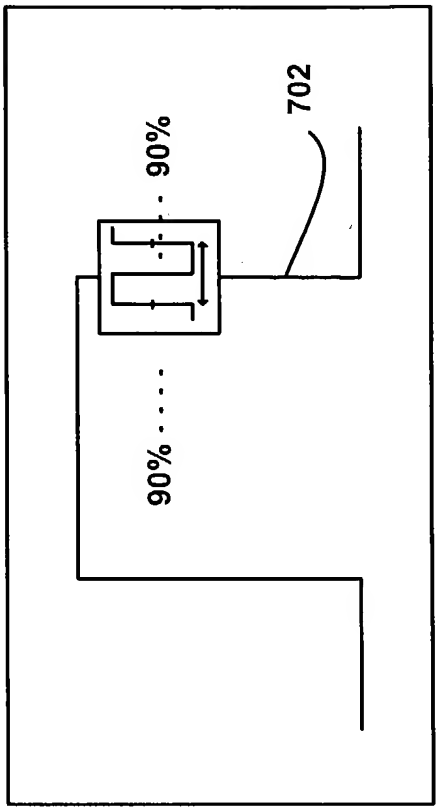


FIG. 7C

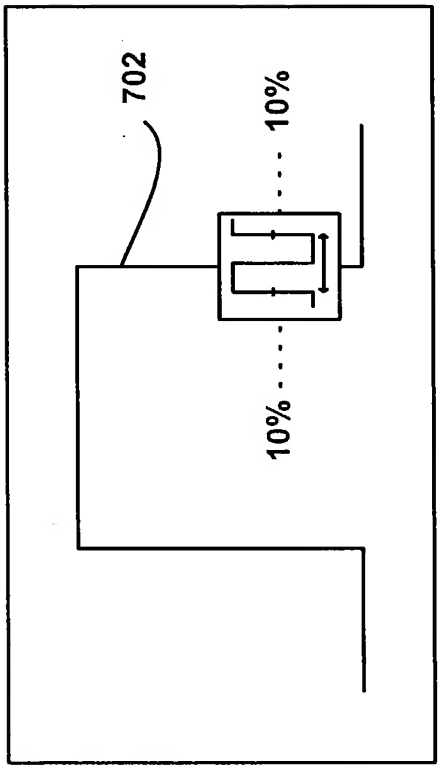


FIG. 7A

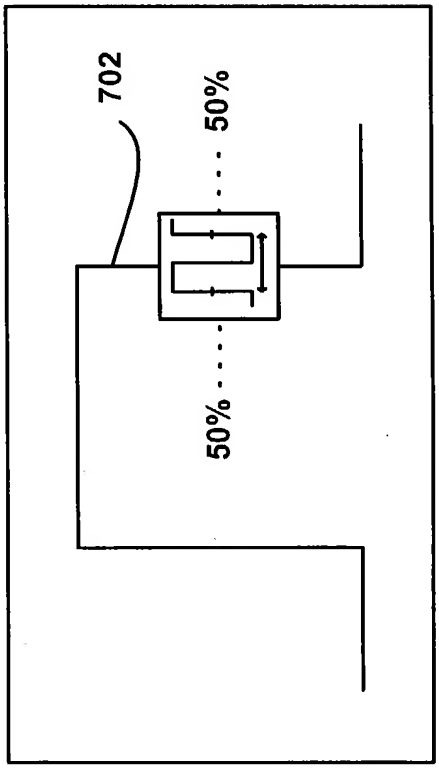


FIG. 7B

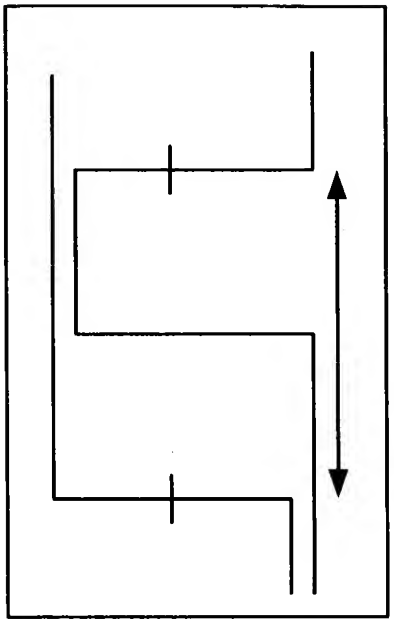


FIG. 8C

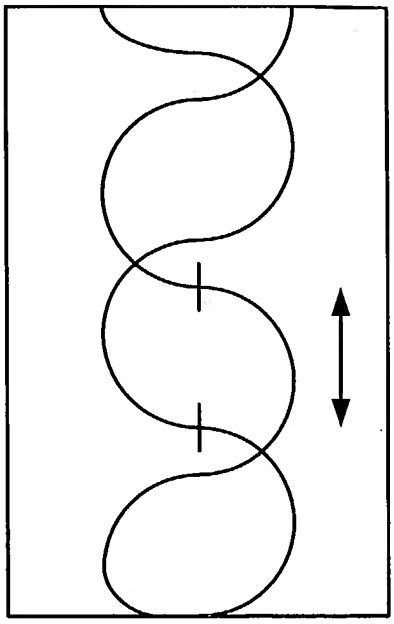


FIG. 8D

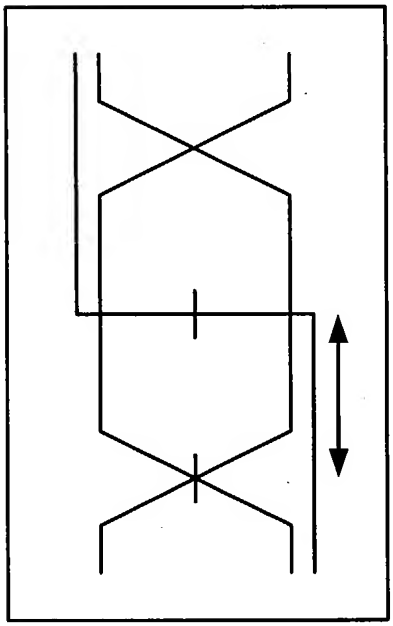


FIG. 8A

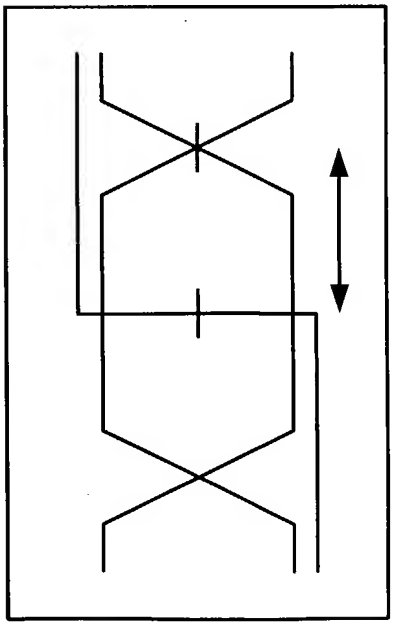


FIG. 8B

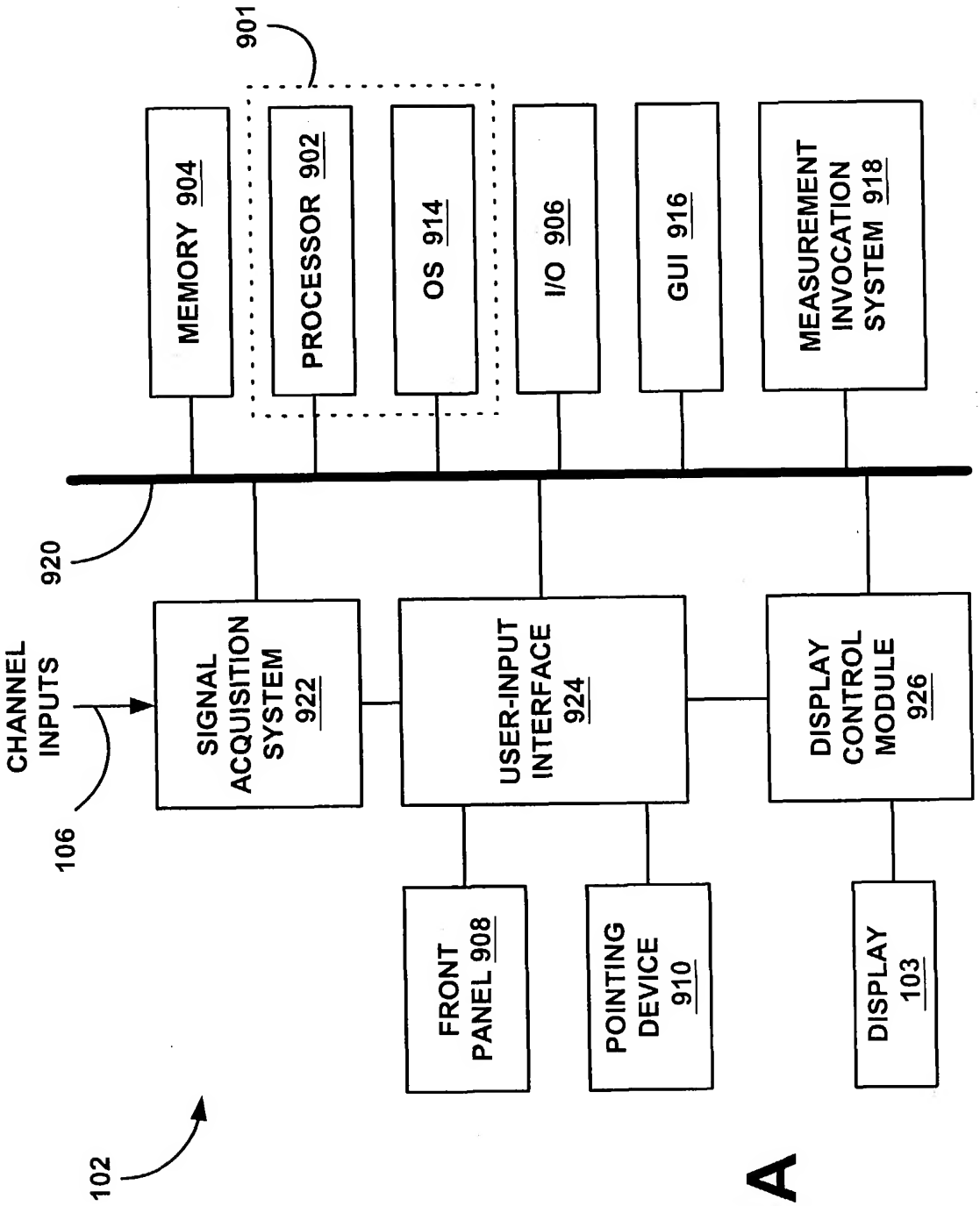

901
MEMORY 904
PROCESSOR 902
OS 914
I/O 906
GUI 916
MEASUREMENT INVOCATION SYSTEM 918
920
CHANNEL INPUTS
106
SIGNAL ACQUISITION SYSTEM 922
USER-INPUT INTERFACE 924
DISPLAY CONTROL MODULE 926
FRONT PANEL 908
POINTING DEVICE 910
DISPLAY 103
102

FIG. 9A

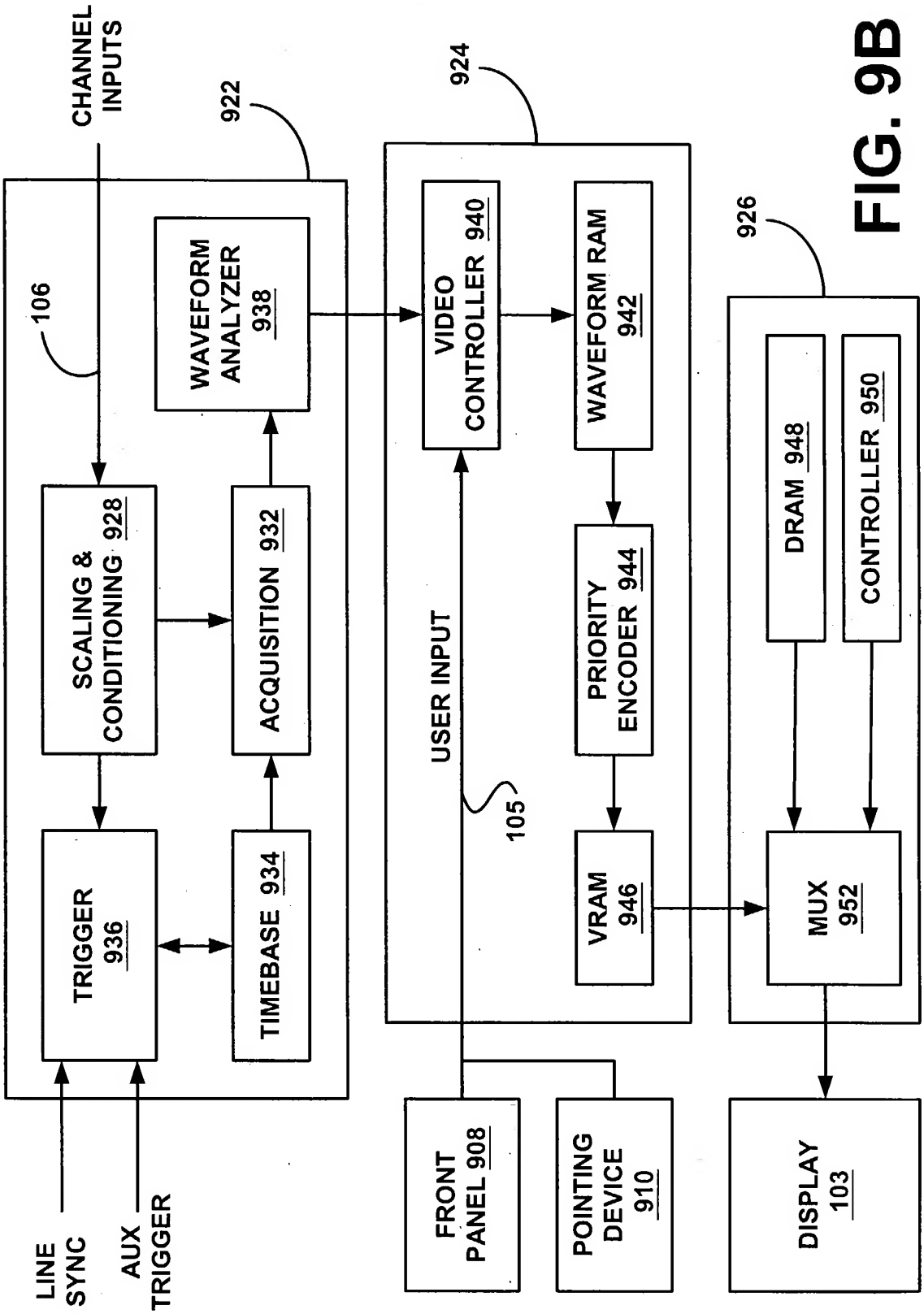

CHANNEL INPUTS
922
924
926
106
WAVEFORM ANALYZER 938
VIDEO CONTROLLER 940
WAVEFORM RAM 942
DRAM 948
CONTROLLER 950
SCALING & CONDITIONING 928
ACQUISITION 932
PRIORITY ENCODER 944
USER INPUT
105
TRIGGER 936
TIMEBASE 934
VRAM 946
MUX 952
LINE SYNC
AUX TRIGGER
FRONT PANEL 908
POINTING DEVICE 910
DISPLAY 103

FIG. 9B